

- 31 -

Claims

1 1. A method for providing interpretation of  
2 radiological images, comprising:  
3 providing an administrative site coupled to a wide  
4 area network;  
5 providing a plurality of acquiring sites coupled to  
6 the wide area network for digitizing radiological  
7 images and generating identifying information about a  
8 radiology study, the study including one or more of the  
9 images;  
10 providing a plurality of interpretation sites  
11 coupled to the wide area network which each includes  
12 interpretation resources; and  
13 utilizing the administrative site in:  
14 receiving the identifying information about  
15 the study from one of the acquiring sites over the  
16 wide area network;  
17 determining one or more study parameters from  
18 the received study identifying information;  
19 comparing the study parameters with an  
20 administrative database to select the best  
21 interpretation site available from the available  
22 interpretation sites to interpret the study;  
23 routing the study onto the wide area network  
24 to the selected interpretation site;  
25 receiving report information about an  
26 interpretation of the study from the selected  
27 interpretation site over the wide area network; and  
28 routing the study interpretation to the  
29 acquiring site from which the study identifying  
30 ~~information about the radiology study was received.~~

in place.  
done as claim 1 of 546935-3  
done, for 2-1-9

- 32 -

1        2. The method of claim 1 wherein the step of  
2 determining the one or more study parameters includes  
3 determining a modality of the study.

1        3. The method of claim 2 wherein the step of  
2 determining the modality of the study includes  
3 determining whether the study includes the use of  
4 computer assisted tomography.

1        4. The method of claim 2 wherein the step of  
2 determining the modality of the study includes  
3 determining whether the study includes the use of x-ray  
4 imaging.

1        5. The method of claim 2 wherein the step of  
2 determining the modality of the study includes  
3 determining whether the study includes the use of  
4 magnetic resonance imaging.

1        6. The method of claim 2 wherein the step of  
2 determining the modality of the study includes  
3 determining whether the study includes the use of  
4 nuclear medicine.

1        7. The method of claim 2 wherein the step of  
2 determining the modality of the study includes  
3 determining whether the study includes the use of  
4 ultrasound imaging.

1        8. The method of claim 2 wherein the step of  
2 determining the modality of the study includes  
3 determining whether the study includes the use of  
4 computed radiography.

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- 33 -

1        9. The method of claim 1 wherein the step of  
2 determining the one or more study parameters includes  
3 determining a pathology of the study.

1        10. The method of claim 1 wherein the step of  
2 determining the one or more study parameters includes  
3 determining a geographic location of the acquiring  
4 site.

1        11. The method of claim 1 wherein the step of  
2 determining the one or more study parameters includes  
3 determining information about a patient which is a  
4 subject of the study.

1        12. The method of claim 1 wherein the step of  
2 determining the one or more study parameters includes  
3 determining information about an anatomy of a patient  
4 which is a subject of the study.

1        13. The method of claim 1 further comprising the  
2 step of utilizing the administrative site for  
3 monitoring the progress of an interpretation of the  
4 study by the selected interpretation site.

1        14. The method of claim 13 wherein the monitoring  
2 step comprises monitoring the interpretation site for  
3 timeliness.

1        15. The method of claim 13 wherein the monitoring  
2 step comprises monitoring the interpretation site for  
3 requests for more patient information.

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1 16. The method of claim 1, wherein the acquiring  
2 site comprises a hospital.

1 17. The method of claim 1, wherein the acquiring  
2 site comprises a diagnostic imaging center.

1 18. The method of claim 1, wherein the acquiring  
2 site comprises a mobile imaging facility.

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